# 508394733 02/20/2024

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI36437

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Yixu XU	12/20/2021
Yan WANG	02/20/2024

### **RECEIVING PARTY DATA**

Company Name:	HUAWEI TECHNOLOGIES CO., LTD.	
Street Address:	Huawei Administration Building	
Internal Address:	Bantian, Longgang District	
City:	Shenzhen	
State/Country:	CHINA	
Postal Code:	518129	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17477608

## **CORRESPONDENCE DATA**

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	5848-00312-US	
NAME OF SUBMITTER:	JULIENNE DASCOLI	
SIGNATURE:	E: JULIENNE DASCOLI	
DATE SIGNED:	02/20/2024	

## **Total Attachments: 4**

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PATENT 508394733 REEL: 066493 FRAME: 0689

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PATENT REEL: 066493 FRAME: 0690

Attorney Docket No. Client Reference No. 86056233US04

#### ASSIGNMENT

## WHEREAS, WE,

Yixu Xu Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China; and

Yan Wang Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China.

have invented and own a certain invention entitled:

#### COMMUNICATION METHOD AND APPARATUS

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2021-09-17, under U.S. Application No. 17477608 and

WHEREAS, HUAWEI TECHNOLOGIES CO.,LTD., Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China., hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

Now, Therefore, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood

Attorney Docket No.	
that the foregoing covenant and agreement and legal representatives of all parties here	at shall bind, and inure to the benefit of, the assigns eto.
IN WITNESS WHEREOF, We have her	reunder set our hands on the dates shown below.
Date Dec 20, 2021	Yixu Xu
Date	Yan Wang

Attorney Docket No. Client Reference No. 86056233US04

#### ASSIGNMENT

## WHEREAS, WE,

Yixu Xu Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China; and

Yan Wang Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China.

have invented and own a certain invention entitled:

#### COMMUNICATION METHOD AND APPARATUS

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2021-09-17, under U.S. Application No. 17477608 and

WHEREAS, HUAWEI TECHNOLOGIES CO.,LTD., Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China., hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

Now, Therefore, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood

In re Appln. of Xu et al. Attorney Docket No		
that the foregoing covenant and agreement and legal representatives of all parties here	t shall bind, and inure to the benefit of, the assigns to.	
IN WITNESS WHEREOF, We have hereunder set our hands on the dates shown below.		
Date	Yixu Xu	
Date Feb. 20, 2024	Yan Wang Yan Wang	